ABSTRACT

[0075] Disclosed herein is a system for optimizing distribution of information employing a universal dictionary. Optimization may include reducing data communicated between a sender and a receiver when both employ the same (or similar) universal dictionary. The universal dictionary may be a reference frame available to the sender as well as the receiver, deviation from which constitutes data that may be communicated to the other party (sender or receiver). Use of the reference image by a flash manager in an electronic device to create a new flash image may reduce the size of any update package to be transferred to an electronic device from a flash image server and may also reduce time to transfer the update package and time taken to update FLASH memory in the electronic device. The reference image in the electronic device may also contain significant portions of the binary image.